



PATENT  
Attorney Docket No. ASC-058B

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Westhoff *et al.*  
SERIAL NO.: 10/646,353 GROUP NO.: 2826  
FILING DATE: August 22, 2003 EXAMINER: Kevin V. Quinto  
TITLE: SEMICONDUCTOR HETEROSTRUCTURES HAVING REDUCED  
DISLOCATION PILE-UPS AND RELATED METHODS

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 8<sup>th</sup> day of May, 2007.


Carrah Malone

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Submitted herewith are:

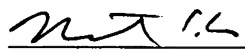
1. Transmittal Form (1 page);
2. Response to Office Action (10 pages); and
3. Return receipt postcard

FB

 <h1>TRANSMITTAL FORM</h1>	Application Serial Number	10/646,353
	Filing Date	August 22, 2003
	First Named Inventor	Westhoff
	Group Art Unit	2826
	Examiner Name	Kevin V. Quinto
	Attorney Docket No.	ASC-058B
	Patent No.	Not applicable
Issue Date	Not applicable	

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <ul style="list-style-type: none"> <li><input type="checkbox"/> Check Attached</li> <li><input type="checkbox"/> Copy of Fee Transmittal Form</li> </ul> <input checked="" type="checkbox"/> Amendment/Response <ul style="list-style-type: none"> <li><input type="checkbox"/> Preliminary</li> <li><input type="checkbox"/> After Final</li> <li><input type="checkbox"/> Affidavits/declaration(s)</li> <li><input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets <u>    </u>]</li> </ul> <input type="checkbox"/> Petition for Extension of Time <input type="checkbox"/> Information Disclosure Statement <ul style="list-style-type: none"> <li><input type="checkbox"/> Form PTO/SB/08</li> </ul> <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Sequence Listing submission <ul style="list-style-type: none"> <li><input type="checkbox"/> Paper Copy/CD</li> <li><input type="checkbox"/> Computer Readable Copy</li> <li><input type="checkbox"/> Statement verifying identity of above</li> </ul>	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration under 37 CFR 1.132 <input type="checkbox"/> Statement Regarding Common Ownership of Application <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <ul style="list-style-type: none"> <li><input type="checkbox"/> Certificate of Correction (in duplicate)</li> </ul>	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (in triplicate) <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure(s) (please identify below)
---	---	---

CORRESPONDENCE ADDRESS	SIGNATURE BLOCK
Direct all correspondence to: Patent Administrator Goodwin Procter LLP Exchange Place Boston, MA 02109 Tel. No.: (617) 570-1000 Fax No.: (617) 523-1231 Customer No. 051414	Respectfully submitted,   _____ Natasha C. Us Attorney for Applicants Goodwin Procter LLP Exchange Place Boston, MA 02109



**PATENT**  
Attorney Docket No. ASC-058B

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: Westhoff *et al.*  
SERIAL NO.: 10/646,353      GROUP NO.: 2826  
FILING DATE: August 22, 2003      EXAMINER: Kevin V. Quinto  
TITLE: SEMICONDUCTOR HETEROSTRUCTURES HAVING REDUCED  
DISLOCATION PILE-UPS AND RELATED METHODS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE**

In response to the Office action mailed on February 9, 2007, Applicants request the Examiner to consider the following:

**Listing of claims** begins on page 2 of this paper; and

**Remarks** begin on page 9 of this paper.